

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000354

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: A61M 5/315 A61M 5/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

SEE ELECTRONIC DATABASES CONSULTED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
DWPI: syringe a61m spring bias resilient coil sprung retain maintain catch latch lock retent hold keep kept tab tang protrude project lug plunger rod piston pusher house compartment container body rotate turn twist separate apart disengage disconnect release

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5167641 A (SCHMITZ) 1 December 1992 Entire document	1-3, 9-11, 19, 20, 25, 26
X	US 5984898 A (GARVIN) 16 November 1999 Entire document	1-3, 9-11, 19, 20, 25, 26
X	US 6039713 A (BOTICH et al) 21 March 2000 Column 3 line 61 to column 5 line 4, figures 1A to 1C	1-3, 9-11, 19, 20, 25, 26
X	FR 2794650 A1 (BRUNEL) 15 December 2000 Figures	1-3, 5, 6, 9-11, 13, 19, 20, 25, 26

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"E" earlier application or patent but published on or after the international filing date

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"O" document referring to an oral disclosure, use, exhibition or other means

"&"

document member of the same patent family

"P" document published prior to the international filing date but later than the priority date claimed

Date of the actual completion of the international search
24 May 2004

Date of mailing of the international search report
- 1 JUN 2004

Name and mailing address of the ISA/AU

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C (Continuation).

DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2001/030427 A1 (COMPAGNIE PLASTIC OMNIUM) 3 May 2001 Figures	1-3, 5, 6, 9-11, 13-15, 19-21, 25, 26
P,X	US 6569115 B1 (BARKER et al) 27 May 2003 Column 3 line 9 to column 4 line 26, column 5 line 59 to column 6 line 53, figures 4-9	1-3, 9-11, 19, 20, 25, 26
A	EP 0347742 B1 (VENTURINI) 9 September 1992 Column 3 line 18 to column 6 line 33, figures 1, 2, 13	
A	WO 1993/025257 A1 (ADAMS) 23 December 1993 Figures	
A	US 6527742 B1 (MALENCHEK) 4 March 2003 Figures	

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US	5167641	WO	92/21395		
US	5984898				
US	6039713	AU	28852/99	AU	91227/98
		CA	2302018	CA	2323923
		EP	1066071	EP	1386628
		US	6569115	US	2003199833
		WO	99/47194	BR	9908839
				EP	1009456
				PL	345900
				WO	99/10026
FR	2794650	AU	49313/00	EP	1185323
WO	0130427	AU	12820/01	CA	2389664
		FR	2799976	EP	1224000
US	6569115	AU	28852/99	AU	91227/98
		CA	2302018	CA	2323923
		EP	1066071	EP	1386628
		US	6039713	US	2003199833
		WO	99/47194	BR	9908839
				EP	1009456
				PL	345900
				WO	99/10026
EP	0347742	US	5112316		
WO	9325257	AU	46362/93	CA	2138265
		US	5338304	EP	0684849
US	6527742				
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					